



Serial No. 09/553,137

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In the Specification

The paragraph beginning at line 5, of page 3, has been amended as follows:

--The present invention is an apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited, produces gas to inflate the inflatable vehicle occupant protection device. The gas generating material comprises a polyurethane thermoplastic elastomer and an inorganic salt oxidizer. The polyurethane elastomeric material comprises a physically cross-linked linear ~~block~~ copolymer of an aromatic diisocyanate and a linear energetic polymer having a hydroxyl functionality of two or less.--

In the Abstract

The abstract has been amended as follows:

--An apparatus (10) comprises an inflatable vehicle occupant protection device (20) and a gas generating material (16) that, when ignited, produces gas to inflate the inflatable vehicle occupant protection device (20). The gas generating material (16) comprises a polyurethane thermoplastic elastomer and an inorganic salt oxidizer. The polyurethane elastomeric material comprises a physically cross-linked linear ~~block~~ copolymer of an aromatic diisocyanate and a linear energetic polymer having a hydroxyl functionality of two or less.--

IN THE CLAIMS:

Claim 20 has been amended as follows:

20. An apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited produces gas to inflate the inflatable vehicle occupant protection device, the gas generating material comprising:

an inorganic oxidizer salt; and

a thermoplastic elastomer, said thermoplastic elastomer being comprising a polyurethane formed from an aromatic diisocyanate, a linear energetic polymer with a hydroxyl functionality of two or less, and optionally a ~~secondary diol~~ 2,4-pentanediol, wherein the amount of aromatic diisocyanate, linear energetic polymer, and ~~secondary diol~~ 2,4-pentanediol used to form the polyurethane are controlled so that the ~~the~~ ratio of isocyanate groups to hydroxyl groups used to form the polyurethane is about 1.

Claim 30 has been amended as follows:

30. The apparatus of claim 20 wherein said polyurethane is formed from an aromatic diisocyanate, a linear energetic polymer with a hydroxyl functionality of two or less, and a ~~secondary diol~~ 2,4-pentanediol.

Claim 32 has been amended as follows:

32. An apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited produces gas to inflate the inflatable vehicle

occupant protection device, the gas generating material comprising:

an inorganic oxidizer salt; and

a thermoplastic elastomer, said thermoplastic elastomer ~~being~~ comprising a polyurethane formed from an aromatic diisocyanate, a glycidyl azide polymer with a hydroxyl functionality of two or less, and optionally a ~~secondary diol~~ 2,4-pentanediol wherein the amount of aromatic diisocyanate, glycidyl azide polymer, and ~~secondary diol~~ 2,4-pentanediol used to form the polyurethane are controlled so that the ratio of isocyanate groups to the hydroxyl groups used to form the polyurethane is about 1.

Claim 35 has been amended as follows:

35. An apparatus comprising an inflatable vehicle occupant protection device and a gas generating material that, when ignited produces gas to inflate the inflatable vehicle occupant protection device, the gas generating material comprising:

about 65% to about 90%, by weight of the gas generating material, an inorganic oxidizer salt; and

about 5% to about 35%, by weight of the gas generating material a thermoplastic elastomer, said thermoplastic elastomer ~~being~~ comprising a polyurethane formed from 4,4'-methylene bis-phenylisocyanate, a glycidyl azide polymer with a hydroxyl functionality of two or less, and optionally a ~~secondary diol~~ 2,4-pentanediol, wherein the amount of 4,4'-methylene bis-phenylisocyanate, glycidyl azide

polymer, and ~~secondary diol~~ 2,4-p ntanediol used to form the polyurethane are controlled so that the ratio of isocyanate groups to hydroxyl groups used to form the polyurethane is about 1.

Claim 36 has been amended as follows:

36. The apparatus of claim 35 wherein the polyurethane is formed from formed from 4,4'-methylene bis-phenylisocyanate, a glycidyl azide polymer with a hydroxyl functionality of two or less, and a ~~secondary diol~~ 2,4-pentanediol.